

Boxes 4-5, Missouri  
Work with T. Phelan  
1966 - continuation  
of Devonian into  
Missouri

## Formations

upper Callaway  
Callaway Limestone  
Cooper Limestone  
Rensselandia Bed Central Mo.  
Beauvais sandstone  
Rensselandia Beds =  
Ashland Limestone  
of Eastern Missouri

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Cedar Valley  
Eastern Mo.

Missouri, 1966



*Rensselaeria* bed  
Hall + Relay Dy, S of  
Marshall, Mo. 1966



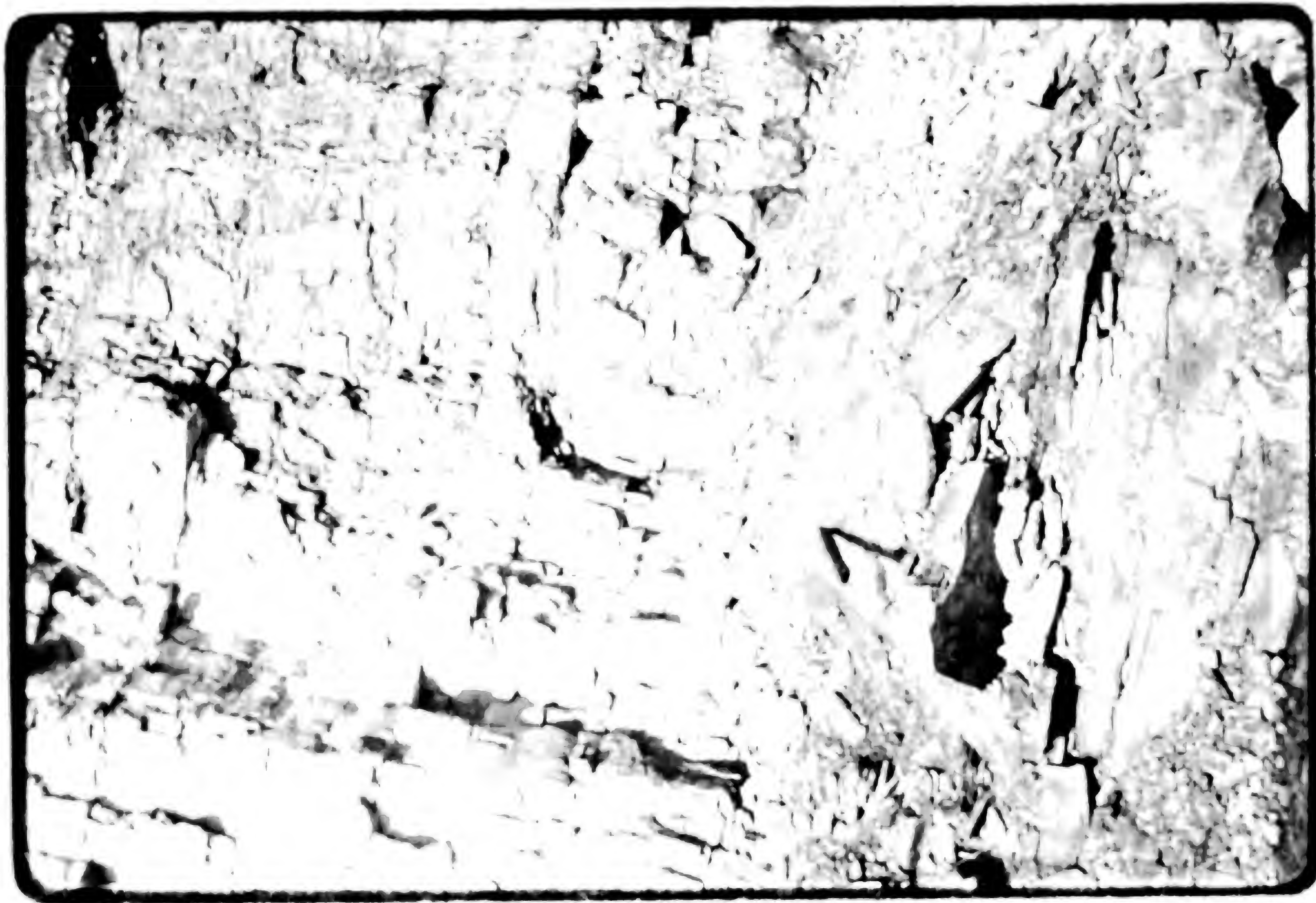
6/9

3486

MADE IN U.S.A. U.S. PAT. NO. 3,013,354



Hall & Riley Co., S of  
Marshall, Mo. 1966  
Russellian bed



6/6

MADE IN U.S.A. NO. 3,013,354  
3486



Russellian bed  
Hall & Riley, Aug. 3 of  
Marshall, Mo. 1966



99/9

MADE IN U.S. PAT. NO. 3,013,354 2848 12



Hall & Riley, Aug - 5 of  
Marshall, Mo. 1966



99/  
19

Russell's near top  
of Tunnel

MADE IN U.S.A. 34.87. NO. 3.013.354



Callaway on Mo. 19,  
1 1/2 mi. N of Big Spring  
Mo. 1966



6/9

MADE IN U.S. 3482  
PAT. NO. 3,013,354  
JUN 66



*Stromatopora* beds at  
top of Callaway, on Mo. 19,  
1 1/4 mi. N. of Big Spring, Mo.



6/66

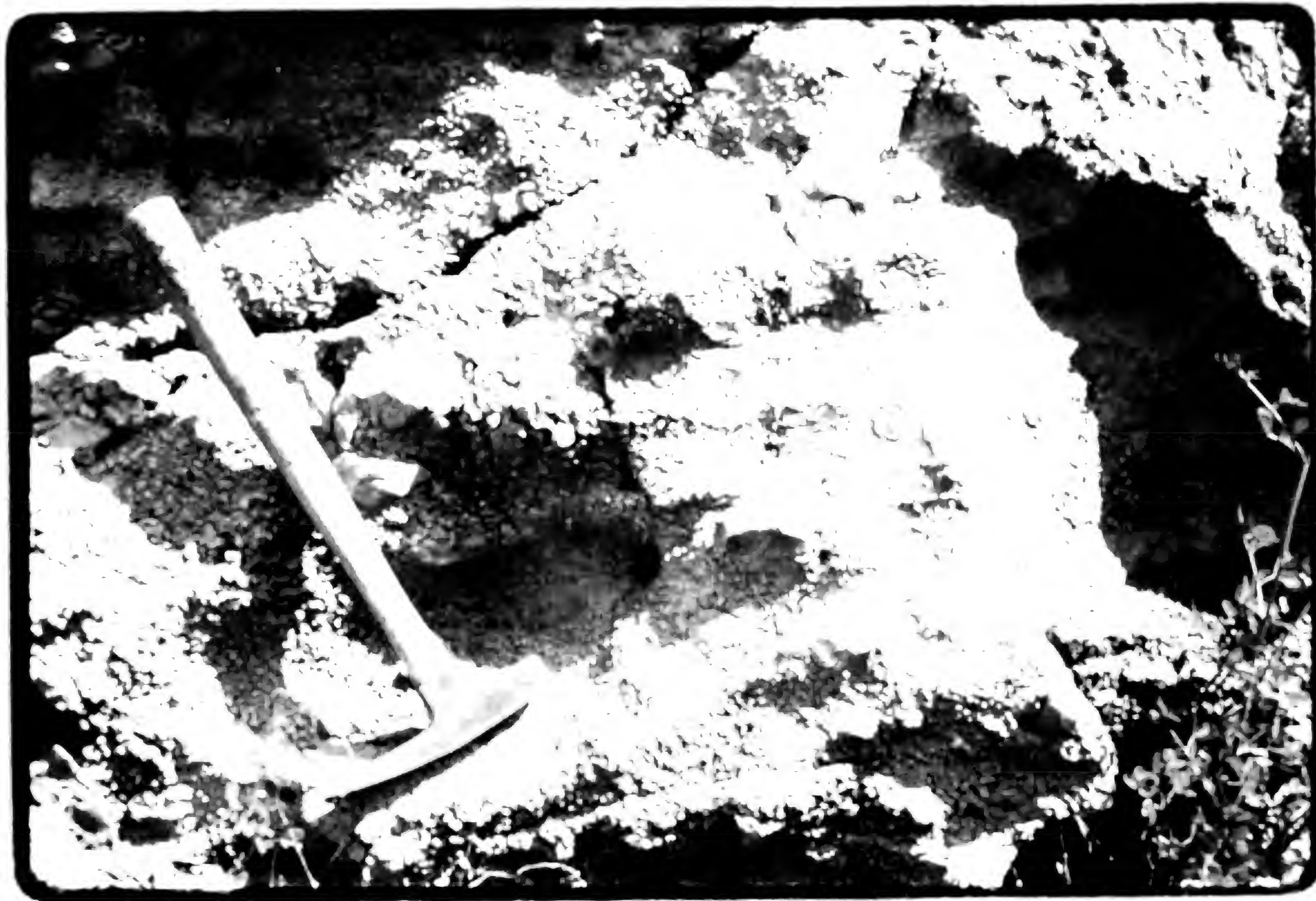
1966

3482

MADE IN U.S.A. PAT. NO. 3,013,354



Stromatopora beds at  
top of Callaway, Mo. 19,  
1 1/4 mi. N of Big Spring, Mo.



1966

6/66

MADE IN U.S. PAT. NO. 3,013,354 3482 224



Collarway on Mo. 19,  
1 1/4 mi. N of Big Spring,  
Mo. 1966.



6/9

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3482



Cross-bedded calcarenite  
with Anathyris - 2 1/2  
mi. S of Clifton City, Mo



1966

6/66

3474

MADE IN U.S.A. U.S. PAT. NO. 3,013,354



Upper Callaway - 2 1/2  
miles S. of Clifton  
City, Missouri 1966

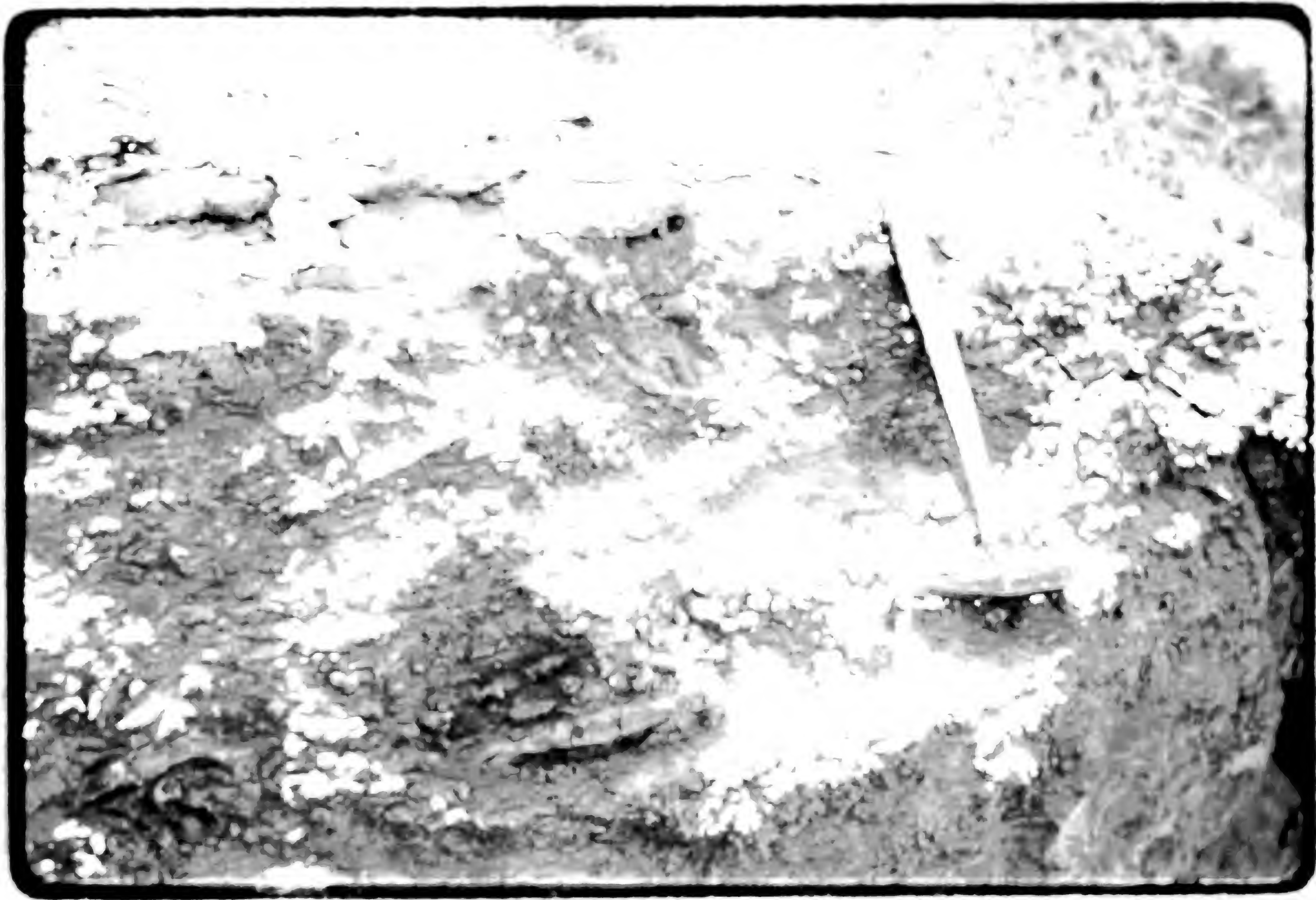


6/66

MADE IN U.S.A. PAT. NO. 3,013,354  
3474 21



Road cut  $\frac{1}{2}$  mile W of  
Brussels, Mo - *Cystiphyllum*  
bed. 1966.



97/2

MADE IN U.S.A. NO. 3,013,354  
3485  
12



Cedar Valley, on road  
1/2 mile W of Brussels,  
Mo. 1966



6/66

JUN 66

NO. 3,013,354

3477

MADE IN U.S.



Cedar Valley in creek  
1/2 mile W of Brussels, Mo.  
1986



97/9

Blue beds at base =

Maquoketa

MADE IN U.S.A. U.S. PAT. 3,354,347  
JUN 66



Cedar Valley in creek  
1/2 mile W of Burrashe,  
Mo. 1966,



99/9

Blue beds = Magnolia

MADE IN U.S. PAT. NO. 3,013,354  
JUN 66 1966 5477



Missouri, 1966



Qy. in Kimmiswick ls.  
Central Stone Co. Qy.  
Kearnsdale N. Mo. 1866



99/9 Kimmiswick (Ordovician)

3487

JUN 66 W1

MADE IN U.S.A. U.S. PAT. NO. 3,013,354



Bearskin sandstone  
near Boomer school,  
Little Saline R.  
Missouri 1966



6/66

3475

MADE IN U.S.A. U.S. PAT. NO. 3,013,354



inclined bedding  
in Russellian beds  
of Ashland fm. on



72/9

Cedar creek,  
Russellian, O, Mo

3480960845  
MADE IN U.S. PAT. NO. 3,013,354



Callaway = Ashland on  
Cedar Creek, Ramona area  
□, E of Shick, Mo. 1966



6/66

JUN 66 W 1

U.S. PAT. NO. 3,013,354

3480

MADE IN U.S.A.

37



Callaway = Oakland on  
Cedar Creek, Russell  
17, Mo. 1966



97/9 E of Shield

POSTAL NO. 3,013,354  
JUN 66

3480

MADE IN U.S.A.  
35



Callaway = Ashland on  
Cedar Creek, Reusschen  
□, Missouri 1966.



99/9 E of Shiel

MADE IN U.S. 36  
34875  
NO. 3,013,354  
JUN 66



Quarry on RR 2 miles  
E of Lupus, Missouri



99/9

Russellian beds -  
dark brown at top.

MADE IN U.S. NO. 3.013.354

3483

MADE IN U.S. NO. 3.013.354



Russellian bed in  
work, 2 miles E of  
Lupas on S side Mo. Pac.

RR



6/66

Missouri  
1966

MADE IN U.S. PAT. NO. 3,013,354 3485



Unconformity at base of  
Callaway - Tom points  
to Rensselaeria bed.



99/  
9

Ag 2 1/2 mi. E of Lyons,  
Mo, 1966

MADE IN U.S. PAT. NO. 3,013,354  
3476



Unconformity at base  
of Callaway - Aug 2 1/2 mi.  
E of Lyons, Mo. 1966.



79/

From points to Renoselandia  
red.

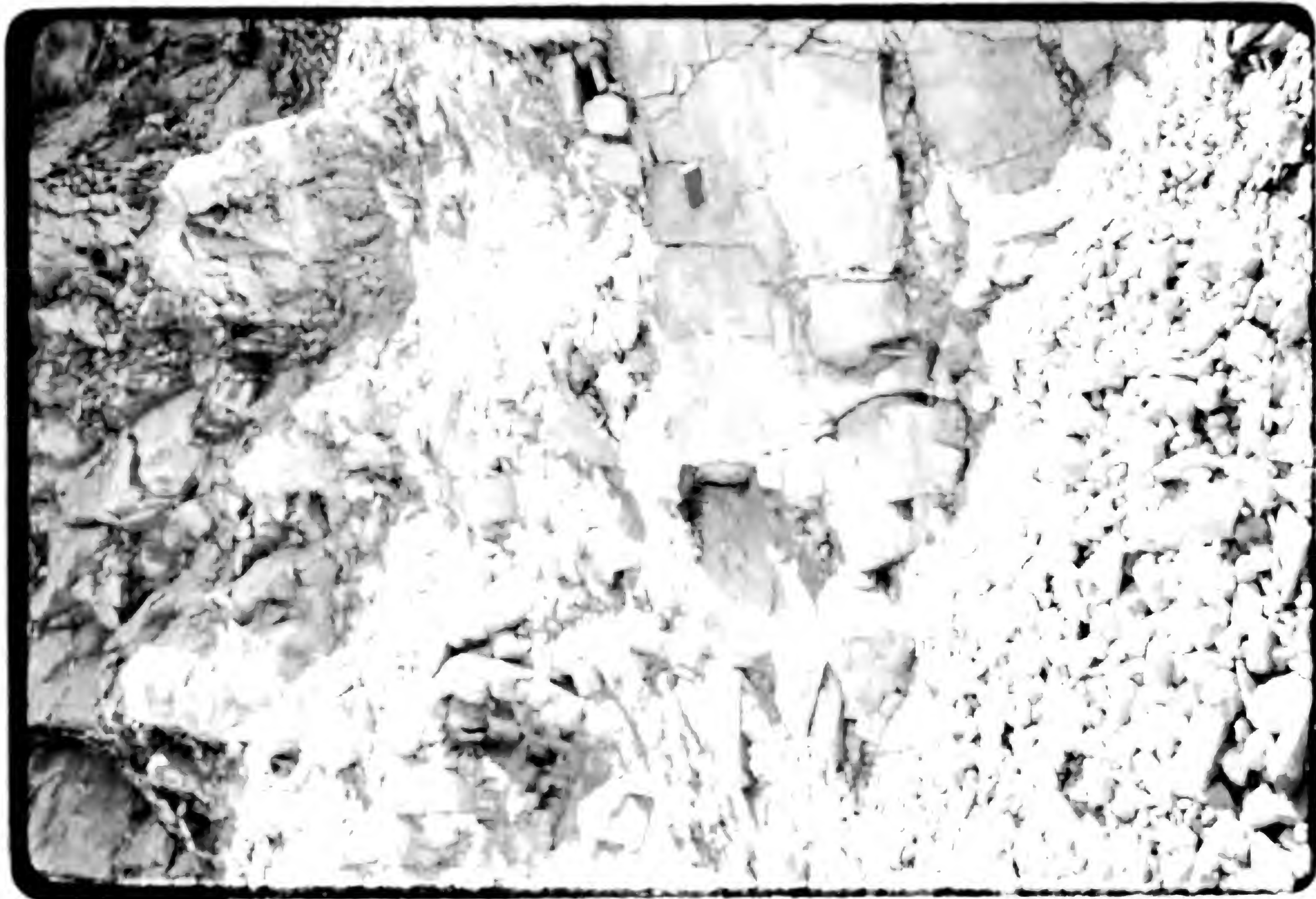
MADE IN U.S. PAT. NO. 3,013,354

3476

MADE IN U.S. PAT. NO. 3,013,354



Callaway ls. - Russellian  
bed at hot-springs, Ky.  
2 1/2 mi. E of Lexington, Mo. 1966.

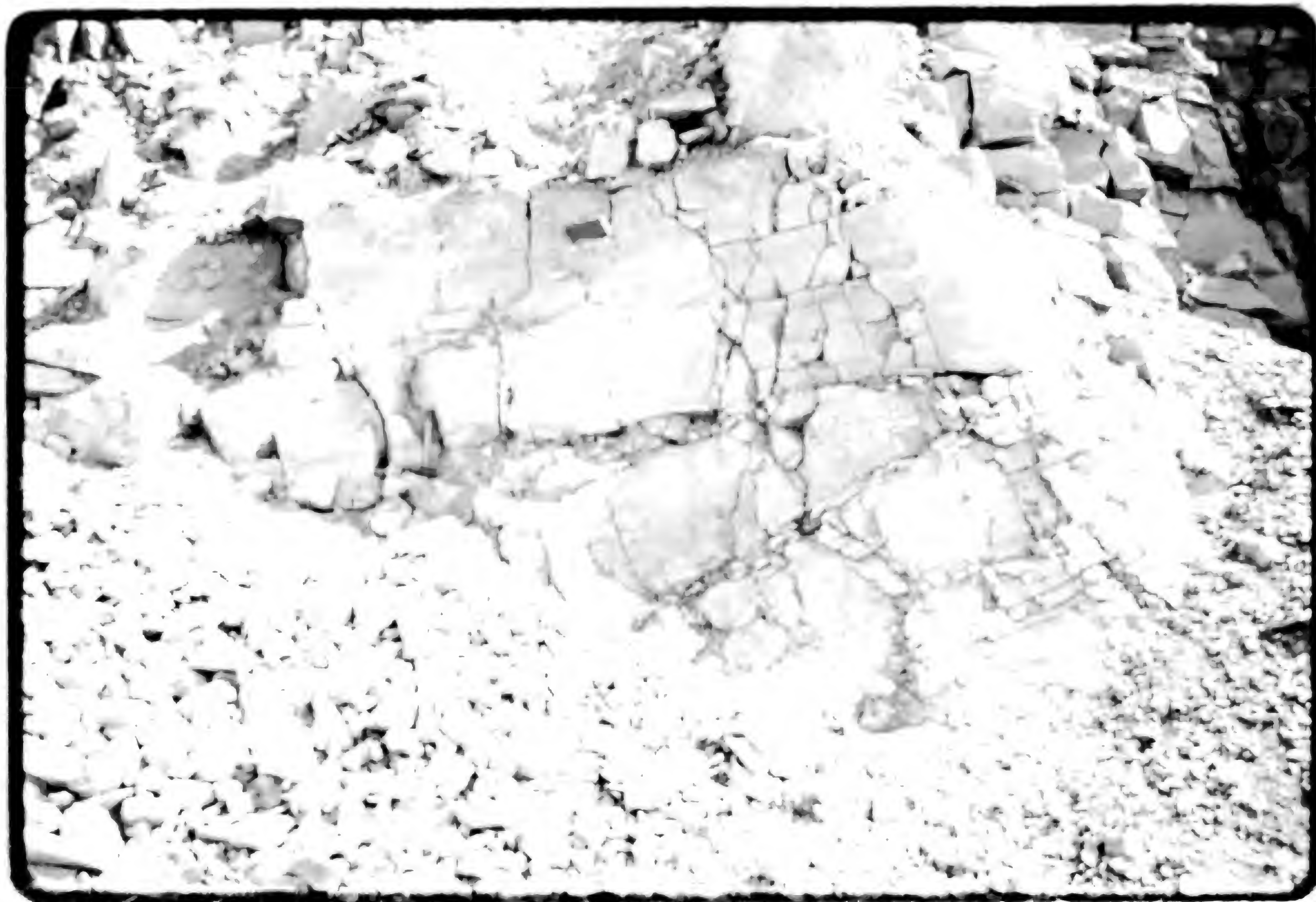


6/66

MADE IN U.S.A. PAT. NO. 3,013,354  
3483



Unconformity at base of  
Callaway, Qy. 2 1/2 mi. E  
of Lupus, Mo. 1966



77/7

Notebook on  
Rensselaeria fed.

MADE IN U.S. AT. NO. 3,013,354  
3483



Form. SS + shale in  
cellar on USGS N of  
Bellevue, Missouri 1866.



9/9 Sink or caudern of  
Pumygrauin ad in  
1875  
MADE IN U.S.A. PAT. NO. 3,013,354  
JUN 66 W1



Qy.  $\frac{1}{2}$  miles E of Lyons,

Mo. 1966

Rensselaeria bed



97/9 under Tom

MADE IN U.S. PAT. NO. 3,013,354 3483 29



Ag  $2\frac{1}{2}$  miles E of Lyons,  
Missouri  
Rauesslandia bed



6/6/9 under 70m

3483  
MADE IN U.S.A. PT. NO. 3,013,354



Qy 2 1/2 miles E of Lupan,  
Mo.

Remnant of beds  
under Torm 1966



6/6

MADE IN U.S.A. U.S. PAT. NO. 3,013,354  
3483



Coal beds in cut  
on U.S. 40 - 1.9 mi. W.  
of Mineola, Mo. 1966



6/6

3488

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Callaway - Holtz  
Summit RR cut  
Missouri 1966



97/2

Bed of abundant  
fossils

MADE IN U.S.A. PAT. NO. 3,013,354



Callaway = Cooper Fm.  
Rd cut on US 63, S of Oldham  
Junction & 7 miles N of



99/9

Jefferson City, Mo.

JUN 66

MADE IN U.S. PAT. NO. 3,013,354

8473

6



Callaway - road cut  
1.9 mi. W of Minnola, Mo.  
1966



6/6

MADE IN U.S.A. U.S. PAT. NO. 3,013,354  
3488



*Russelonia*  
Hall & Riley Co. 50f  
Marshall, Missouri 1966



6/9

MADE IN U.S.A. U.S. PAT. NO. 3,013,354  
3486



Russellia bed  
Haller Riley, Aug. 5 of  
Marshall, Mo. 1966



99/9

MADE IN U.S.A. 3.487 3.013.354